

What is claimed is:

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1. A wireless keyboard for use in transmitting an input signal input by operation of keys thereof to an information processing device, comprising:
 transmitting means for transmitting said input signal
 5 input by operation of said keys to said information processing device at a predetermined transmission level;
 receiving means for receiving a reception level of said input signal from said information processing device;
 and
 10 said predetermined transmission level of said input signal being switched dependent on a combination of the transmission level of said input signal and the reception level received in said receiving means.
2. A wireless keyboard for use in transmitting an input signal input by operation of keys thereof to an information processing device, comprising:
 transmitting means for transmitting said input signal
 5 input by operation of said keys to said information processing device at a predetermined transmission level;
 receiving means for receiving a reception level of said input signal from said information processing device;
 first transmission level setting means for storing the
 10 transmission level of said input signal transmitted from said transmitting means and setting a new transmission

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level with reference to a predetermined transmission
level setting table in accordance with a combination of
said transmission level and said reception level upon
15 receiving the reception level from said receiving means;
and
transmission level switching means for receiving a new
transmission level set by said transmission level setting
means and switching the transmission level of the input
20 signal transmitted through said transmitting means into
the new transmission level.

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3. A wireless keyboard for use in transmitting an input
signal input by operation of keys thereof to an
information processing device, comprising:
transmitting means for transmitting said input signal
5 input by operation of said keys to said information
processing device at a predetermined transmission level;
receiving means for receiving a reception level of said
input signal from said information processing device;
second transmission level setting means for storing the
10 transmission level of said input signal transmitted from
said transmitting means and setting a new transmission
level with reference to a predetermined transmission
level setting table in accordance with a combination of
said transmission level and said reception level upon
15 receiving the reception level from said receiving means,
said second transmission level setting means detecting a
distance information between said wireless keyboard and

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 20 said information processing device with reference to a predetermined distance information table in accordance with said combination of said transmission level and said reception level upon receiving said reception level from said receiving means;

transmission level switching means for receiving a new transmission level set by said transmission level setting
 25 means and switching the transmission level of the input signal transmitted through said transmitting means into the new transmission level; and

a distance information display means for displaying said distance information upon receiving said distance
 30 information.

4. A wireless keyboard as claimed in claim 2, further comprising:

a timer for counting a time period from a first time that said input signal is transmitted from said transmitting
 5 means to a second time that said reception level is received by said receiving means and for outputting a time-out signal in the event said reception level is not transmitted within a predetermined time period; and
 communication failure indicating means for indicating
 10 the communication failure upon receiving the time-out signal.

5. A wireless keyboard as claimed in claim 3, further comprising:

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5 a timer for counting a time period from a first time that
said input signal is transmitted from said transmitting
means to a second time that said reception level is
received by said receiving means and for outputting a
time-out signal in the event said reception level is not
transmitted within a predetermined time period; and
communication failure indicating means for indicating
10 the communication failure upon receiving the time-out
signal.

6. A wireless keyboard as claimed in claim 3, wherein
said transmission level setting table has a minimum
transmission level which is set therein and which can be
received and detected normally by said information
5 processing device even in the distance information
between said wireless keyboard and said information
processing device detected by said second transmission
level setting means.

7. A wireless keyboard as claimed in claim 4, wherein
said transmission level setting table has a minimum
transmission level which is set therein and which can be
received and detected normally by said information
5 processing device even in the distance information
between said wireless keyboard and said information
processing device detected by said second transmission
level setting means.

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8. A wireless keyboard as claimed in claim 5, wherein said transmission level setting table has a minimum transmission level which is set therein and which can be received and detected normally by said information processing device even in the distance information between said wireless keyboard and said information processing device detected by said second transmission level setting means.

9. A wireless keyboard as claimed in claim 2, further comprising an integrated battery and power supply switching means for switching power supply by an operation of a user, wherein the power supply from said integrated battery to a certain internal circuit is stopped by said power supply switching means by the operation of the user.

10. A wireless keyboard as claimed in claim 3, further comprising an integrated battery and power supply switching means for switching power supply by an operation of a user, wherein the power supply from said integrated battery to a certain internal circuit is stopped by said power supply switching means by the operation of the user.

11. A wireless keyboard as claimed in claim 4, further comprising an integrated battery and power supply switching means for switching power supply by an

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5 operation of a user, wherein the power supply from said integrated battery to a certain internal circuit is stopped by said power supply switching means by the operation of the user.

12. A wireless keyboard as claimed in claim 5, further comprising an integrated battery and power supply switching means for switching power supply by an operation of a user, wherein the power supply from said integrated battery to a certain internal circuit is stopped by said power supply switching means by the operation of the user.

13. An information processing device having a wireless keyboard operable as input means, said information processing device comprising:

5 a receiving portion for receiving an input signal transmitted from said wireless keyboard;

a reception level detecting portion for detecting and outputting the reception level upon receiving said input signal; and

10 a transmitting portion for transmitting said reception level outputted from said reception level detecting portion to said wireless keyboard.

14. An information processing device as claimed in claim 13, wherein said transmitting portion transmits said reception level in sequence at regular intervals.

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15. A transmission level switching system comprising a combination of the wireless keyboard as claimed in claim 2 and the information processing device as claimed in claim 13.

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